

**SONY**

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VAIO

## VGN-AR71E

Wide screen & power

Powerful & versatile entertainment notebook for all your needs



VAIO Europe official website  
<http://www.vaio.eu/>

VAIO Europe official website  
<http://www.vaiopro.eu/>

## KEY FEATURES



17.0" X-black LCD display for sharp and natural looking pictures



Fast performance with Intel® Centrino® Duo and NVIDIA® graphics



Instant video chat and video conferencing with integrated camera and microphone



Multimedia creation with Adobe® Photoshop® Elements, Adobe® Premiere® Elements, VAIO® Movie Story and VAIO® Music Box

## TECHNICAL SPECIFICATIONS

### Operating System

Operating System

Genuine Windows Vista® Home Premium

### Architecture

Platform

[Intel® Centrino® processor technology](#)

Chipset

Mobile Intel® PM965 Express Chipset

## CPU Section

Microprocessor Full Name	Intel® Core™2 Duo Processor T5450, Supports Enhanced Intel SpeedStep® Technology
Microprocessor Manufacturer	Intel®
Microprocessor Speed (GHz)	1.66
L2 Cache (KB)	2048 Advanced Smart Cache
Frontside Bus (MHz)	667
Number of Cores	2

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## Memory

Memory Speed (MHz)	667
Memory Type	DDR2 SDRAM (1x1024MB, 1x2048MB)
Max. Memory (MB)	4096
Max Memory Comment	In the case of 4GB, a portion of the system memory over 3GB might not be available to the operating system
Memory Size (MB)	3072

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## Drives

Hard Drive Type	Serial ATA
Hard Drive Capacity (GB)	250
Hard Drive Speed (rpm)	5400
Optical Drive Type	DVD+-RW/+-R DL/RAM
Optical Drive Fitting	Built-in

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## Drives Speed

Write	CD-R x24, CD-RW x24, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD+R DL x4, DVD+R x8, DVD+RW x8, DVD-RAM x5
Read	CD x24, CD-R x24, CD-RW x24, DVD x8, DVD-R DL x6, DVD-R x8, DVD-RW x6, DVD+R DL x6, DVD+R x8, DVD+RW x8, DVD-RAM x5

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## Display

Display Type	X-black LCD
Diagonal Size (in)	17
Resolution Format	1440 x 900
Resolution Type	WXGA+

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## Graphics

Graphic Card Full Name	NVIDIA® GeForce® 8400M GT GPU
Producer	NVIDIA®
Comments	Dedicated Video Memory of 128MB

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## Interfaces

4 Pin i.LINK™ (IEEE1394), 400 Mbps	1
DC in	1
Memory Stick™ Slot	1
Memory Stick™ Slot Type	Memory Stick™ standard, Memory Stick™ Duo, Memory Stick™ PRO, Memory Stick™ PRO Duo, high speed data transfer and MagicGate compatible
Microphone Jack	1
RJ-11 Direct Port (Modem)	1
RJ-45 Direct Port (Network)	1
TV out	2
TV out Type(s)	S-Video + HDMI
USB Speed	High/Full/Low
USB Port (quantity)	3
USB Version	2.0
USB Connector Type	A
VGA Connector for Monitor	1
PCMCIA Card Type I or II	1
SD Card Slot	1
S-Video	0
AV in minijack	0
Audio out	2
Audio out Type(s)	Headphone/Speakers Jack and optical SPDIF
Express Card Slot	1
Express Card Slot Type	54mm or 34mm

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## Connectivity

Built-in Modem	V.92/V.90
IR Receiver	0
Integrated Wireless LAN	YES
Wireless LAN Range (m)	max. 100
Wireless LAN Type	802.11a/b/g
Wireless LAN Max. Data Rate (Mbps)	54
Ethernet network	10 BASE-T/100 BASE-TX/1000 BASE-T

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## Multimedia

TV Tuner Board	NO
Intel® High Definition Audio compatible	YES
3D Surround	YES
Built-in Stereo Speakers	YES
Windows® Sound System Compatible	YES
Sound Reality	YES
DVB-T	NO

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## Built-in Camera

Built-in 'Motion Eye' Digital Camera	YES
Frames per Second	30
Image Sensor (Mega Pixels)	1.3
Motion Picture Function	YES
Motion Pictures max. Resolution (pixels)	1280x1024 (SXGA)

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## Keyboard Section

Touch Pad	1
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## Features

Special Buttons	Power button, Wireless LAN switch, Short-cut Keys (S1 & S2) , Mute, Volume Control, AV buttons
Auto Resolution	Plug and Display
Kensington Lock	YES
Built-in Microphone	YES

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## Software

Audio	VAIO Music Box, Windows Media Player 11, SonicStage Mastering Studio 2.4
Video & TV	Adobe Premiere Elements 4, VAIO Content Importer / Exporter, WinDVD 8.0 for VAIO, DivX Player & Converter, VAIO Movie Story
Photo	Adobe Photoshop Elements 6, Google Picasa, VAIO Movie Story
CD-DVD Burning	Easy Media Creator 9, Click to Disc/Editor
Office Application	Adobe® Reader® 8.1, Adobe Standard 8, Microsoft® Works 8.5, Microsoft® Office Trial 2007 (60 days Try & Buy)
Security & Other	Norton 360 (with 60 days free virus updates), VAIO Recovery Utility 2.6 - HDD recovery (hidden partition), Skype, Google software package

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## Supplied Accessories

AC Adaptor	YES
Battery	YES
Power Cord	YES

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## Dimensions

Depth Main Unit (mm)	299.5
Height Main Unit (mm)	33.5
Width Main Unit (mm)	416
Weight with Supplied Battery and Supplied Drive (kg)	3.8

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## Battery

Battery Type	Lithium-Ion battery (VGP-BPS9B)
Battery Life (min)	115
Battery Charging Time (min)	230
Battery Life Disclaimer	Actual battery life will vary depending on your specific hardware and software configurations. Benchmark: MobileMark 2007

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## Guarantee

Months	12
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## OPTIONAL ACCESSORIES

VGP-EMB03



VAIO Backpack

VGP-BPS9A/B



Rechargeable Battery

VGP-AC19V16



Sony VAIO® AC  
Adapter

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